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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/902,694	07/12/2001	Leigh Allen Williamson	AUS920010324US1	1615

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EXAMINER

TODD, GREGORY G

ART UNIT	PAPER NUMBER
2157	

DATE MAILED: 10/05/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/902,694

Applicant(s)

WILLIAMSON ET AL.

Examiner

Gregory G Todd

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 July 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 July 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 04/29/02.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. This is a first office action in response to application filed, with the above serial number, on 12 July 2001 in which claims 1-12 are presented for examination. Claims 1-12 are therefore pending in the application.

Specification

2. The disclosure is objected to because of the following informalities: Page 6, line 8 has some grammatical errors.

Appropriate correction is required.

Drawings

3. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the extension URL providers each having a specified name, description, supported protocol and stream handler class name, and classpath; URL stream handler factory class; overriding step; URL provider's jar file; in addition, the respective system and computer readable medium claim embodiments must be shown in the drawings (corresponding to the flow charts of Fig. 3 & 4 with method claims 1-4) must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate

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prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

4. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference character(s) not mentioned in the description: (35), (45). Corrected drawing sheets in compliance with 37 CFR 1.121(d), or amendment to the specification to add the reference character(s) in the description in compliance with 37 CFR 1.121(b) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the

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applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 3, 7, and 11 recite the limitation "said extension URL provider's jar file" in line 6. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-12 are rejected under 35 U.S.C. 102(e) as being anticipated by Austin (hereinafter "Austin", 6,763,395).

Austin teaches the invention as claimed including extended URL protocol handling (see Abstract).

As per Claims 1 and 5, Austin teaches a method of and computer readable medium encoded with software for providing an extension to a default set of resource

functions in an enterprise application server, said application server having a default Universal Resource Locator (URL) stream handler factory class, said method comprising the steps of:

providing one or more extension URL providers on an application server, said extension URL providers each having a specified name, description, supported protocol and stream handler class name, and classpath (different attributes for URL protocol plug-in/extension) (at least col. 18, lines 6-20; col. 2, lines 12-27; col. 8, lines 25-55);

binding a reference to one or more extension URL objects into a global namespace on said application server (at least col. 8, lines 39-55; col. 11, lines 42-47; delegating protocol scheme to plug-in);

registering said extension providers to be used by an application program in a table of parameter sets having a protocol identifier and a stream handler class identifier (at least col. 9, lines 4-16; plug-in registered to handle protocol scheme);

overriding said default URL stream handler to enable an extension URL stream handler (at least col. 8, lines 25-55; extend by installing protocol plug-ins and incorporated as default protocol scheme); and

binding one or more extension URL objects into an application server namespace such that said registered extension URL providers and extension URL objects are available to and for use by an application program through an application server naming service (at least col. 11, lines 1-19; eg. DSTP URL connecting to DataSocket server).

As per Claims 2, 6, and 10, as set forth in Claims 1, 5, and 9, respectively, further comprising the steps of:

executing a computer instruction by an application program to lookup a resource object by a resource name via an application server naming service (at least col. 17, lines 37-43; client deriving name of the extension); and

retrieving a bound and registered extension URL object according to said resource name (at least col. 17, lines 37-50; col. 14, lines 18-41; unique extension name used by client).

As per Claim 3, 7, and 11, as set forth in Claims 1, 5, and 9, respectively, wherein said step of providing one or more extension URL providers includes specifying a classpath as a location of said extension URL provider's jar file on the application server (at least col. 14, lines 7-12; col. 9, lines 41-47; col. 5, lines 37-40; use of java for extension).

As per Claim 4, 8, and 12, as set forth in Claims 1, 5, and 9, respectively, wherein said step of overriding said default URL stream handler is performed by executing a Java function to set the application server's URL Stream Handler Factory to said extension URL stream handler (at least col. 5, lines 32-45; program implemented by Java objects).

As per Claim 9, Austin teaches an extensible Universal Resource Locator (URL) resource system for an enterprise application server, said enterprise application server having a default set of resource functions in an enterprise application server and a

default Universal Resource Locator (URL) stream handler factory class, said extensible URL resource system comprising:

one or more extension URL providers on an application server, said extension URL providers each having a specified name, description, supported protocol and stream handler class name, and classpath (different attributes for URL protocol plug-in/extension) (at least col. 18, lines 6-20; col. 2, lines 12-27; col. 8, lines 25-55);

a registry of said URL providers comprising a table having a parameter set for each URL provider, said parameter set comprising a protocol identifier and a stream handler class identifier (at least col. 9, lines 4-16; plug-in registered to handle protocol scheme);

a default URL stream handler factory override adapted to replace said default URL stream handler factory with an extension stream handler factory (at least col. 8, lines 25-55; extend by installing protocol plug-ins and incorporated as default protocol scheme); and

one or more bound references for one or more URL objects into an application server namespace such that said registered URL providers and URL objects are available to an application program via an application server naming service (at least col. 11, lines 1-19; DSTP URL connecting to DataSocket server).

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Chen et al, Mehra et al, Haverstock et al, and Vance et al are

cited for disclosing pertinent information related to the claimed invention. Applicants are requested to consider the prior art reference for relevant teachings when responding to this office action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gregory G Todd whose telephone number is (703)305-5343. The examiner can normally be reached on Monday - Friday 9:00am-6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (703)308-7562. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

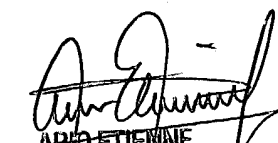
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Gregory Todd



Patent Examiner

Technology Center 2100



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